

IN THE CLAIMS:

1. (Currently Amended) An apparatus for producing small paper rolls, the apparatus comprising:

a rewinding machine, said rewinding machine producing elongated paper rolls ~~or logs~~;

a trimming device, said trimming device trimming at least one end of each ~~[[log]]~~ roll  
5 produced by said rewinding machine to form trimmed rolls;

a trimmed roll store element, said trimmed roll store element receiving said trimmed rolls from said trimming device, said trimmed roll store element storing the trimmed ~~[[logs]]~~ rolls;

a cutting-off machine, said trimmed roll store element supplying said trimmed ~~[[logs]]~~ rolls to said cutting-off machine, said cutting-off machine subdividing the trimmed rolls ~~[[logs]]~~  
10 into a plurality of small rolls.

2. (Canceled)

3. (Currently Amended) An apparatus according to claim 1, wherein said trimming device further comprising comprises:

an entry section for the entry of the ~~[[logs]]~~ rolls to be trimmed;

an exit section for the exit of the trimmed ~~[[logs]]~~ rolls;

5 a trimming station with cutting trimming means for trimming the ~~[[logs]]~~ rolls;

a roll moving means for moving the ~~[[logs]]~~ rolls between said entry section, said cutting

trimming station and said exit section;

a log retaining means, associated with said ~~log-moving~~ roll-moving means, for retaining the [[logs]] rolls when subjected to said movement.

4. (Currently Amended) An apparatus according to claim 3, wherein said log retaining means are grippers for clamping said paper rolls.

5. (Currently Amended) An apparatus according to claim 3, wherein said grippers are associated with said means for moving the [[logs]] rolls.

6. (Currently Amended) An apparatus according to claim 3, ~~further comprising~~ wherein said trimming device includes a means for transferring the [[logs]] rolls from the entry section to said means for moving the [[logs]] rolls, said means for transferring the [[logs]] rolls being disposed between said section for the entry and said means for moving the [[logs]] rolls, said means for transferring the [[logs]] rolls comprising a body, said body being mounted on a shaft parallel to the [[logs]] rolls which enter said entry section, said body having a plurality of seats.

7 - 11 . (Canceled)

12. (New) An apparatus for producing small paper logs, the apparatus comprising:

a rewinding machine, said rewinding machine producing elongated uncut paper logs;

a paper log trimming device, said paper log trimming device receiving said uncut paper logs from said rewinding machine, said paper log trimming device trimming an end of each of said uncut logs received from said rewinding machine to form trimmed paper logs;

a trimmed paper log storing unit, said trimmed paper log storing unit receiving said trimmed paper logs, said trimmed paper log storing unit storing said trimmed paper logs;

a log cutting machine, said trimmed paper log storing unit transferring said trimmed paper logs to said log cutting machine after said trimmed paper logs have been trimmed via said paper log trimming device, said log cutting machine cutting the trimmed paper logs into a plurality of rolls, whereby each roll is of uniform length.

13. (New) An apparatus according to claim 12, wherein said paper log trimming device includes:

a receiving portion for receiving said paper logs;

a releasing portion for releasing said cut paper logs;

a cutting portion with cutting means for cutting said paper logs;

a log transfer means for transferring said paper logs from said receiving portion, said cutting portion and said releasing portion; and

a retaining means, associated with said transfer means, for retaining the logs when said transfer means transfers said paper logs.

14. (New) An apparatus according to claim 13, wherein said log retaining means are grippers, said grippers clamping said paper logs.

15. (New) An apparatus according to claim 13, wherein said grippers are associated with said transfer means.

16. (New) An apparatus according to claim 13, wherein said paper log trimming device includes a rotating log delivery means for transferring the logs from said entry portion to said log transfer means, said rotating log delivery means being disposed between said receiving portion and said log transfer means, said rotating log delivery means comprising a body, said  
5 body being mounted on a shaft parallel to the logs which enter said receiving portion, said body having a plurality of seats, each seat being perpendicular to another seat.

17. (New) An apparatus according to claim 13, wherein said paper log trimming device is located upstream of said trimmed paper log storing unit, said log cutting machine being located downstream of said trimmed log storing unit, said paper log trimming device being located downstream of said rewinding machine.

18. (New) An apparatus for producing small paper logs, the apparatus comprising:  
a rewinding machine, said rewinding machine producing elongated uncut paper logs;  
a first paper log cutting device, said first paper log cutting device receiving said uncut

paper logs from said rewinding machine, said first paper log cutting device cutting each end of  
5 each uncut log received from said rewinding machine to form trimmed paper logs;

a trimmed paper log storing unit having a moving means for moving said trimmed paper  
logs, said trimmed paper log storing unit receiving said trimmed paper logs, said trimmed paper  
log storing unit storing said trimmed paper logs;

a second paper log cutting device, said trimmed paper log storing unit transferring said  
10 trimmed paper logs to said second paper log cutting device via said moving means, said second  
paper log cutting device cutting each trimmed log into a plurality of rolls.

19. (New) An apparatus according to claim 18, wherein said first paper log cutting  
device includes:

a receiving portion for receiving said paper logs;

a releasing portion for releasing said cut paper logs;

5 a cutting portion with cutting means for cutting said paper logs;

a log transfer means for transferring said paper logs from said receiving portion, said  
cutting portion and said releasing portion; and

a retaining means, associated with said transfer means, for retaining the logs when said  
transfer means transfers said paper logs.

20. (New) An apparatus according to claim 19, wherein said log retaining means are  
grippers, said grippers clamping said paper logs.

21. (New) An apparatus according to claim 19, wherein said grippers are associated with said transfer means.

22. (New) An apparatus according to claim 19, wherein said first paper log cutting device includes a rotating log delivery means for transferring the logs from said entry portion to said log transfer means, said rotating log delivery means being disposed between said receiving portion and said log transfer means, said rotating log delivery means comprising a body, said body being mounted on a shaft parallel to the logs which enter said receiving portion, said body having a plurality of seats, each seat being perpendicular to another seat.

23. (New) An apparatus according to claim 18, wherein said first cutting device is located upstream of said trimmed paper log storing unit.

24. (New) An apparatus according to claim 23, wherein said second cutting device is located downstream of said first cutting device, said second cutting device being located downstream of said trimmed paper log storing unit.

25. (New) An apparatus according to claim 1, wherein said trimming device is located upstream of said trimmed log store element.

26. (New) An apparatus according to claim 25, wherein said cutting-off machine is

located downstream of said trimmed log store element, said cutting-off machine being located downstream of said trimming device.